

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: September 29, 2004

(use as many sheets as necessary)

Sheet 1 of 1

MODIFIED PTO/SB/08 (08-00)
 Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0104 Rec'd PCT/PTO 29 SEP 2004

Complete if Known

Application Number	Unassigned 10/509631
Filing Date	09/29/2004
First Named Inventor	Seido NAGANO
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	047912-0154

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>MS</i>	A1	6,133,798		NAGANO et al.	10-17-2000	
<i>MS</i>	A2	5,945,882		NAGANO	08-31-1999	
<i>MS</i>	A3	5,546,056		TOKUMITSU	08-13-1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>MS</i>	A4	JP	2000-269743		NEC CORP.	09-29-2000		A
<i>MS</i>	A5	JP	2000-013217		NEC CORP.	01-14-2000		A
<i>MS</i>	A6	JP	10-262036		NEC CORP.	09-29-1998		A
<i>MS</i>	A7	JP	07-221546		NIPPON TELEGR & TELEPH CORP.	08-18-1995		A
<i>MS</i>	A8	EP	0 665 652	A1	NIPPON TELEGR & TELEPH CORP.	08-02-1995		A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature

MS

Date Considered

12/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.